4-688

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL-LAND-OFFICE

BUREAU OF LAND MANAGEMENT

MINERAL SURVE	Y NO. 4322
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	ARIZONA	Land District.
	FIELD NOTES	3
Of T	he Survey Of The Mining	Claim Of
WI	HITEHALL COMPANY, INC	CORPORATED
	Known As The	
	FRICTION	
WH	IITE PICACHO	Mining District,
		Arizona R.3 W.
section3 Sections34 AND 35	T 7 N., Township 8 N.	R.3 W., Range 3 W.
Surveyed under instru	uctions dated April	15, 19 48
	by J.WILL]	IAM WAARA
	by <u></u>	U. S. Mineral Surveyor.
Claim located -	November 20	, 19.47
Survey commence	ed April 12	, 19.48
Survey complete	ed April 16	, 19 <u>48</u>
	mant Whitehall Comp c/o Edward B.As Wickenburg DATES OF AMENDED LOCATION	shurst, Atty.
Feb	ruary 5, 1948	
	U. S. GOVERNMENT PRINTING OFFICE 6-0000	

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MEYERAL SURVEY NO. 141-

FIELD NOTES.

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THE REPORT OF A PERSON.

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THE APPLICATION OF		

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		bade Limbs	V P
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240174	W. 154-20 -	28740	

27 . THE LANGE TO

This survey was made with a Lietz Light Mountain transit No. 9503 Model No. 9 with a horizontal limb 5 ins. diam., having two double opposite verniers reading to thirty seconds of arc, and full vertical circle 5 ins. diam., having two double opposite verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye piece suitable for making direct observations upon the sun or Polaris. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian

determined by the following observation:

April 15, 1948 at the discovery point on the lode line of the Friction lode, in latitude 33° 59' 15" N. and longitude 112° 34' W., I make a series of four altitude observations of the sun for azimuth, each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from a reference point SW. to the sun.

Mean time of observation, 105th meridian standard time .

3h 05m P.M.

Declination of sun at mean time of observation

90 591 10" Mean observed Mean horizontal angle vertical angle flag to sum

lst 48° 33' 00"
2nd 47° 39' 00"
3rd 46° 48' 30"
4th 45° 54' 00" 63° 46' 30" 64° 57' 00" 66° 01' 15" 6.70 071 00"

> True bearing to reference point S. 0° 21' E. The lines were measured with a 1/8th inch steel tape 500 feet in length, graduated every foot, which was compared with a steel standard tape at the time of beginning the survey, and found correct.

All lines and connections of this survey were run by

direct methods.

Observation

The magnetic variation observed at each corner of the survey gave a uniform value of 14° 45' E.

Feet

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FRICTION LODE TO TOO 0.0001

At Cor. No. 1 of the Friction lode.

Set an iron pipe, 36 ins. long, fitted with a floor flange 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone marked F 1 4322 with its center for exact corner point; from which

The corner of Sections 34-35, T. 8 N., R. 3 W., and Sections 2-3, T. 7 N., R. 3 W., Gila and Salt River Base and Meridian, bears N. 86° 38' E., 817.7 ft., an iron pipe 2 ins. diam., 12 ins. above ground, firmly set marked and without and are above ground, firmly set, marked and witnessed as described in the official record.

No other bearings available.

Thence N. 60° 04' W.

301.9 South Center End, a substantial mound of stone on lode line; discovery point bears N. 36° 27' E., 1130 ft.

430. Cross mine road, bears southwest to northeast.

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	Feet	ingol idgil etail e di w eben saw yayrus aid?	Ì
	0.114		
215	ve e Oceeve-	Set an iron pipe, 36 ins. long, fitted with a floor flange, 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone, marked F 2 4322 with its center for exact corner point; from which	
	nalbi	A schist rock in place 6x4xl ft. exposed and chiseled BxR F 2 (no additional markings possible) bears	
0	1500.0.	Cor. No. 3 South Thence N. 36° 27° E.	
	nde privie contal	Set an iron pipe, 36 ins. long, fitted with a floor flange, 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone; marked F 3 4322 with its center for exact corner point; from which	
		Of 'No bearings available. not available.	
0	frag-Ind	and of the Thence S. 60° 04' E.	
	301.9	North Center End, a substantial mound of stone on lode line; discovery point bears S. 36° 27° W., 370 ft.	
	603.8	Cor. No. 4.	
	e av	Set an iron pipe, 36 ins. long, fitted with a floor flange, 3 ins. diam., to which I securely fastened a copper disc 3 ins. diam., driven 18 ins. into the ground and surrounded by a substantial mound of stone; marked F 4 4322 with its center for exact corner point; from which	
	end to	A granite rock in place 3x2x1 ft. exposed and chiseled BxR F 4 4322, bears S. 84° 16' W., 54.8 ft.	
-		Thence S. 36° 27' W.	
	1500.0	Cor. No. 1 and place of beginning.	
		AREAS	
	s beat	Total area Friction lode men and a constitution 20.658	
4.12	snote To	Too yours Toldes LOCATION SSCA L'I bellam	
	Jist	This survey is located in NE & Sec. 3, T. 7 N., R. 3 W., SE & Sec. 34 and SW & Sec. 35, both in T. 8 N., R. 3 W., of the Gila and Salt River Base and Meridian, Yavapai County, State of Arizona.	
	ni bed	The survey of this lode is identical with the amended location as marked on the ground.	
		. eld expenditures a self of	
	eboi .tl	The improvements and the value of the labor and improvements made upon or for the benefit of this lode location embraced in said mining claim by the claimant or its grantors are as follows:	
		450. Cross mine road, bears southwest to northeast.	

3

No. 1

The discovery open pit, the most northerly point of which bears S. 36° 27' W., 320 ft. from the North Center End, its outside boundaries running S. 14° W., 50 ft. to a point at 13 ft. breast; thence along 13 to 15 ft. breast S. 86° E., 47 ft. to a point at 13 ft. breast; thence S. 32° E., 32 ft. to a point at base of cut; thence along base of cut N. 88° W., 77 ft. to end of pit and beginning of stripping area whence point at end of first course mentioned, bears N. 28° E., 30 feet; thence S. 88° W., 27 ft.; thence N. 56° W., 67 ft.; thence N. 41° E., 24 ft.; thence N. 79° E., 76 ft. to place of beginning. The pit excavation amounts to 372 cubic yards or 651 tons and the stripping excavation amounts to 360 cubic yards or 640 tons.

Value pit excavation \$651.00

Value stripping

320.00

No. 2

A stripping area, the northwest end of which, bears S. 36° 27' W., 285 ft. from the North Center End, running thence along 2 ft. breast and 6 ft. wide, S. 18° E., 106 ft. The stripping excavation amounts to 24 cubic yards or 42 tons.

Value

\$21.00

OTHER IMPROVEMENTS

Rough mine road 1350 feet in length.

OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA None.

FIELD ASSISTANTS

Mel Ogden

Chainman

James Blake

Chainman

The discovery open mit, the most mortherly point of which bears 3. 30° 27' m., 520 ft. from the Worth Center II o. its cutside bounderles running o. 14° W., 50 ft. to point at 13 ft. breast; thence slong 13 to 15 ft. breast breast 5. oor E., 47 ft. to a rotat at 13 ft. breast tenses 5. 50° 1., 52 ft. to a rotat at 13 ft. breast tenses 5. 50° 1., 52 ft. to a rotat at ose of cut; or fit and oseinning of cut 1. oo. w., 47 ft. to end of pit and oseinning of stripping eres whence point at not first course mentioned, bears 1. 20° 3., 50 feet; of first course mentioned, bears 1. 20° 3., 50 feet; thence of beating. Place 1. Stripping eres 1. 50° m., 57 ft.; thence 1. 50° m., 70° m., 70° m. colors of beating of the stripping exception endurts to 50° colors of cubic yerds of the stripping exception endurts to 50° cubic yerds of the stripping exception	1.01	
00.1300 hoisevapxe fig outsV		
Value stringing 320.00		
A satispoint area, the northwest end of which, bears J. 104 27' W., 205 ft. from the North Center and, Funding themse along 2 ft. breast and with. wide, A. 104 M., 100 ft. The stripping excavation amounts are 24 oubl. Pards or 42 tens.	\$.04	
Value 321 00		
ETMENTORIAL ENTO		
nough gine most 1550 feet in legats.		
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CHINA CORNER DESCRIPTIONS AND SEPTEMBER DATE		
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UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE BUREAU OF LAND MANAGEMENT

FINAL OATH OF MINERAL SURVEYOR

I, J. William Waara	, Mineral Surveyor,
	structions received from the Office Cadastral
Engineer, at Phoenixl Arizona.	, datedApril 15, 1948,
I have, in strict conformity to the laws of	the United States, the official regulations
and instructions thereunder, and the inst	ructions of said Office Cadastral Engineer,
faithfully and correctly executed the sur	vey of the mining claim of
Whitehall Compar	ly inc , known as the
Friction	· · · · · · · · · · · · · · · · · · ·
situate in White Picacho	Mining District,
Yawapai County, Township 7 N., 34 and 35 , Township No. 8 N	Range 3 W., Range No. 3 W.
and designated as Survey No. 4322	, as represented
in the foregoing field notes, which accura	tely show the boundaries of said mining claim
as distinctly marked by monuments on the g	round, and described in the attached copy of
the location certificate, which was recei	ved by me from the Office Cadastral Engineer
with said instructions, and that all corne	rs of said survey have been established and
perpetuated in strict accordance with the	e law, official regulations and instructions
thereunder; and I do further solemnly swear	r that the foregoing are the true and original
field notes of said survey and my report t	herein, and that the labor expended and im-
provements made upon said mining claim by	claimant orits
grantors are as therein fully stated, and	that the character, extent, location, and
itemized value thereof are specified ther	ein with particularity and full detail, and
that no portion of said labor or improvement	s so credited to this claim has been included
in the estimate of expenditures upon any ot	her claim.
	(Mineral Surveyor)
Subscribed and sworn to by the said	J. William Waara
Mineral Surveyor, before me Notary	Public
	7
day of, 1948	A Baner
	Notary Fublic
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Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR SENERALS LAND OFFICE BUREAU OF LAND MANAGEMENT PUBLIC SURVEY OFFICE

	At Phoenix, Arizona
	August 25, 19 4
I, Office Cadastral Engineer at	Phoenix, Arizona
do hereby certify that the foregoing and he	ereto attached Field Notes and Return of the Survey of the
Mining Claim of Whitehall Con	mpany, Incorporated
	, known as the
FI	RICTION
situate inWh	ite Picacho mining distric
Yavapai County,	Arizona
	ip No. 7 North , Range No. 3 West ship 8 North, Range 3 West No4322
	liam Waara , Miner
Surveyor, April 12 to April 10	6, 19 48 under my instructions date
April 15	, 19 48, have been critically examined and the necessar
corrections and explanations made, and the	said Field Notes and Return, and the Survey they describ
are hereby approved. The certified copy of	f the location certificate filed by the applicant for survey
on file in this office and a true copy of sai	d certified copy of said location certificate is included an
nade a part of the transcript of the field no	tes.
	Frank M. Chapin

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